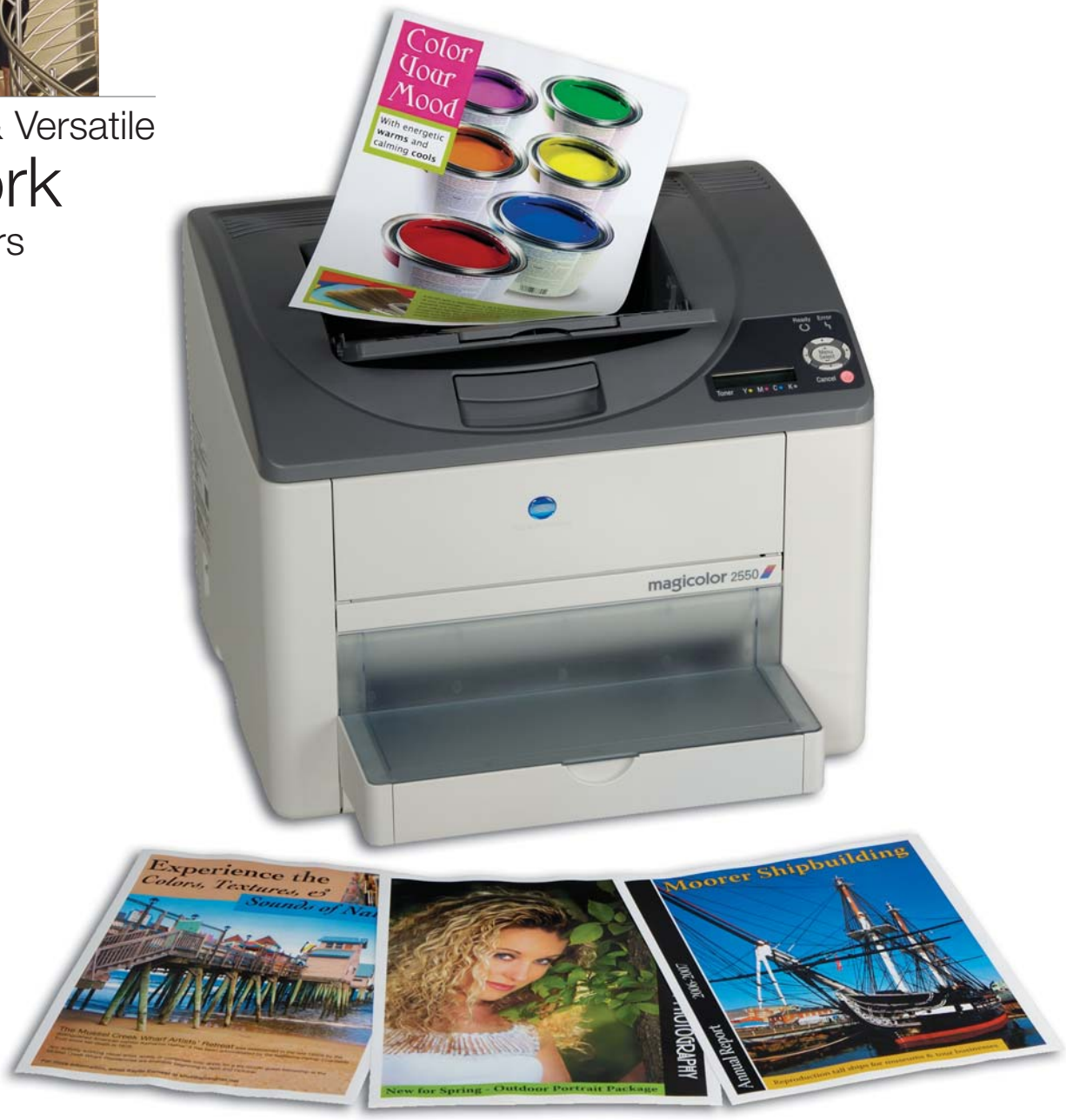
KONICA MINOLTA

magicolor 2550 Series

Compact & Versatile

Network

Color Lasers



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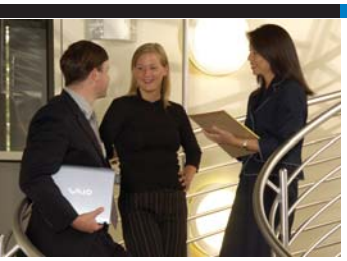


QUICK SPECS

- 20 ppm in black & white, 5 ppm in color
- 300 MHz PowerPC processor
- 9600 x 600 dpi-class Photo ART contone resolution
- magicolor 2550 EN: 128 MB DDR SDRAM std., 640 MB max.
  magicolor 2550 DN: 256 MB DDR SDRAM std., 640 MB max.
- 10/100BaseTX Ethernet®, USB 2.0, and parallel interfaces
- First page out in 13 seconds (b&w), 22 seconds (color)
- PostScript® 3 (144 fonts) and PCL® 6 (93 fonts) printer emulations
- Windows®, Macintosh®, and Linux® compatible
- Automatic two-sided printing (magicolor 2550 DN)
- 35,000 page-per-month duty cycle
- 1-year exchange warranty

The compact and affordable magicolor 2550 Series printers boast the enhanced graphics quality and high-end printing features typically found in larger, more expensive models.

Compact and Affordable

These little powerhouses are the perfect fit for any desktop and budget.

- Though they're small enough to fit into any workspace, the magicolor 2550 printers have the power to handle the demanding requirements of both small offices and large workgroups.
- Full front access means reloading supplies and clearing media jams is a snap.
- Long-lasting toner yields 1,500 (standard capacity) or 4,500 (high capacity) prints for low cost-per-page printing.
- Technical support is US-based and toll-free for 5 years. Answer times consistently average under 1 minute.

Printing Power & Performance

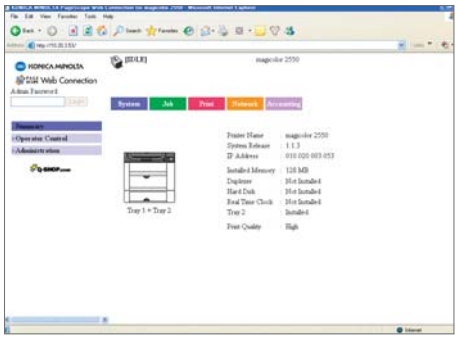
The magicolor 2550 Series provides the speed needed to satisfy demanding job requirements.

- Emperon technology boosts printer performance and enhances image quality in Windows, Macintosh, and Linux environments while simplifying the entire printing process.
- The 300 MHz PowerPC CPU quickly processes even the most complex files.
- DDR SDRAM doubles file data throughput and swiftly delivers print jobs.

Ease of Use

Easy setup and operation are built into the magicolor 2550 Series.

- Pre-installed high-capacity toner cartridges and auto-installation software mean the magicolor 2550 printers are ready to print in just minutes.
- Print jobs can be customized easily with comprehensive printer drivers that offer collation, fit-to-page scaling, separation pages, watermarks, tray selection, secure printing, and many other features.
- The PageScope™ suite of printer utilities allows network administrators to configure and manage printers remotely.
- PageScope Web Connection provides instant access to print job status and supply levels.
- The 10/100BaseTX Fast Ethernet® interface provides high-speed network printing for busy workgroups. USB 2.0 and parallel ports are also available for local operation.



Brilliant, Consistent Color

A legacy of innovative color technology ensures outstanding image quality.

- Enhanced Automatic Image Density Control (eAIDC) ensures consistent, accurate color from the first page to the last and from one document to the next.
- 9600 x 600 dpi-class Photo ART quality and contone screening deliver amazing photographic detail, smooth color gradients, and crisp text.
- Industry-standard ICC-based color matching provides automatic or single-button controls for automatic color correction of print files.

- KONICA MINOLTA Simitri® Polymerized Toner produces sharper output, finer text, and smoother halftones than conventional toner on all common media types. This state-of-the-art toner technology also reduces toner and engery usage.

basics

options

Control Panel

- Intuitive display and menu
- At-a-glance toner gauges

Print Speed

- Color: Up to 5 ppm
- B&W: Up to 20 ppm

Interfaces

- Fast Ethernet (10/100BaseTX), Hi-Speed USB 2.0, Parallel

Memory

- magicolor 2550 EN: 128 MB DDR SDRAM
- magicolor 2550 DN: 256 MB DDR SDRAM

Compatibility

- Windows Server 2003/XP/2000/NT4/Me/98SE
- Macintosh OS X (v10.2+)/OS 9 (v9.1+)
- Linux Red Hat 9/SuSE 8.2
- PostScript 3, PCL 6 emulations

Resolution

- 9600 x 600 dpi-class with Photo ART
- eAIDC and ICC-based color matching

Document Handling

- Automatic duplexer for two-sided printing (magicolor 2550 DN)

Paper Input

- Up to legal (8.5" x 14")
- Adjustable 200-sheet multipurpose tray

Hard Disk

- For downloaded fonts, forms, and profiles; electronic collation; Job Accounting; direct PDF printing; Proof then Print, Secured Job, Print & Hold, and Stored Job functions

Memory

- Upgrade to 640 MB

Document Handling

- Automatic duplexer for two-sided printing (magicolor 2550 EN); additional memory required for 9600 x 600 dpi-class full-color prints: 128 MB (letter) or 256 MB (legal)

Paper Input

- 500-sheet cassette (letter or A4)
- 700-sheet maximum input capacity

Cross-Platform Compatibility

The magicolor 2550 Series is the ideal printing solution for diverse office workgroups.

- PostScript 3 and PCL 6 emulations support most popular software applications, providing seamless creation and processing of all your color documents.
- With Windows, Macintosh, and Linux system compatibility, the magicolor 2550 Series is at home in any workgroup.
- Support for NetWare®, TCP/IP, EtherTalk®, and NetBIOS/NetBEUI ensures smooth integration into mixed network configurations.

magicolor 2550 Series — Technical

Printing Process

Print Method: Electrophotographic laser
Print Speed*:
Color: Up to 5 ppm
Monochrome: Up to 20 ppm
Warm-Up Time: 52 seconds average
First-Page-Output Time*:
Color: 22 seconds from an idle, ready state
Monochrome: 13 seconds from an idle, ready state
Resolution: Up to 9600 x 600 dpi-class with Photo ART
Recommended Duty Cycle: Up to 35,000 prints/month

Hardware and Software Capabilities

Processor Type: PowerPC, 300 MHz
Memory: 128 MB (magicolor 2550 EN)/256 MB (magicolor 2550 DN) DDR SDRAM on board, upgradable to 640 MB (one slot) using 100-pin DIMMs
Internal Hard Disk (optional): For downloaded fonts, forms, and profiles; electronic collation; Job Accounting; direct PDF printing; Proof then Print, Secured Job, Print & Hold, and Stored Job functions (40 GB)
Operating System Compatibility: Windows Server 2003/XP (SP1+)/2000 (SP4+)/ NT4 (SP6+)/Me/98SE; Macintosh OS X (v10.2+)/OS 9 (v9.1+); Linux Red Hat 9/SuSE 8.2
Printer Emulations: PostScript 3, PCL 6; PDF 1.4 (hard disk required)
Printer Management: PageScope Net Care, PageScope Web Connection, PageScope Network Setup, PageScope Peer-to-Peer Printing Tool, PageScope EMS Plug-in, HP Web JetAdmin Plug-in, PageScope Plug and Print, PageScope NDPS Gateway, PageScope Direct Print, Print Monitor, Status Monitor
Color Support: Enhanced Automatic Image Density Control (eAIDC); ICC device profiles; Automatic ICC-based color matching; Dynamic Contone Screening; SWOP, Commercial, EuroColor, TOYO, and DIC press emulations

Interface Support

Standard: Ethernet 10/100BaseTX, USB 2.0 (supports Microsoft 'Plug and Play'), IEEE 1284 parallel (supports Microsoft 'Plug and Play')
Ethernet Protocols: TCP/IP, EtherTalk, IPX/SPX (NetWare 4/5/6), NDS Bindery, NDPS, NetBIOS,NetBEUI, SMB, HTTP, HTTPS, IPP1.1, SNMP, LPD, FTP, DHCP, BootP, ARP, Auto IP, Ping/ARP, SMTP, SLP, TCP/IP socket,Telnet, UPnP 2.0

Media Handling

Standard Paper Input: 200-sheet multipurpose tray
Optional Paper Input: 500-sheet cassette
Standard Paper Output: 200-sheet face-down output tray
Duplex Printing: magicolor 2550 DN: standard; magicolor 2550 EN; manual** (automatic optional)
Standard Automatic Duplexer (magicolor 2550 DN): For two-sided printing
Optional Automatic Duplexer (magicolor 2550 EN): For two-sided printing; additional memory required for full-color 9600 x 600 dpi-class prints: 128 MB (letter size) or 256 MB (legal size)
Paper Sizes Supported:
Multipurpose Tray: Letter, Legal, A4, Executive, Statement, Folio, Foolscap, UK Quarto, Letter Plus, Govt. Letter, Govt. Legal, A5, B5, B5 (ISO), Kai 16; Photo Print 4x6; Japanese Postcard, Double Postcard; Monarch, Com 10, DL, C6, C5, Chou #3, Chou #4, You #4, 16K, 32K Envelopes; Custom sizes (W) 3.6" - 8.5" (92 - 216 mm), (L) 5.8" - 14" (148 - 356 mm)
500-Sheet Cassette (optional): Letter, A4
Printable Area: 0.16" (4 mm) from all edges; 13.2" (335.6 mm) color and 13.7" (347.6 mm) monochrome guaranteed print length
Paper Weights:
Plain paper: 16 - 24 lb. Bond (60 - 90 g/m²)
Thick stock: 24 - 80 lb. Cover (90 - 220 g/m²)
Print Media: Plain paper, letterhead, thick stock, glossy stock, transparencies, laser-quality labels, postcards, and envelopes

Physical

Type: Laser printer with internal controller
Dimensions (WxDxH): magicolor 2550 EN: w/ tray cover 16.9" x 19.8" x 13.4" (430 x 502 x 341 mm); w/ tray closed 16.9" x 15.6" x13.4" (430 x 395 x 341 mm)
magicolor 2550 DN: w/ tray cover 16.9" x 22.2" x 13.4" (430 x 564 x 341 mm); w/ tray closed 16.9" x 18.0" x13.4" (430 x 457 x 341 mm)
Weight: magicolor 2550 EN: w/o consumables 38.2 lbs. (17.4 kg); w/ consumables 45.8 lbs. (20.8 kg); as shipped 55.2 lbs. (25.1 kg)
magicolor 2550 DN: w/o consumables 42.3 lbs. (19.2 kg); w/ consumables 49.3 lbs. (22.6 kg); as shipped 70.1 lbs. (31.8 kg)

Electrical

Power Requirements:
120V Model: 120 VAC ± 10%; 50/60 Hz ± 3%
220/240V Model: 220/240 VAC ± 10%, 50/60 Hz ± 3%
Power Consumption:
Operating: 450 W or less (color), 600 W or less (black & white), 1,100 W maximum
Standby: 250 W or less
Energy Star* Compliant:** 15 W or less

Environmental

Temperature Requirements: Operating: 50° to 95° F (10° to 35° C)
Non-operating: 32° to 95° F (0° to 35° C)
Humidity: Operating: 15% to 85% RH
Non-operating: 10% to 85% RH
Noise Levels: Operating: <52 dB(A); Standby: <35 dB(A)

Regulatory/Safety Conformity

UL, cUL, CSA, FCC-B, CDRH, DOC, SASO, RPC

Consumables****

In-Box Cartridges: Printer ships with one each Cyan, Magenta, Yellow, and Black Toner Cartridges (yield up to 4,500 letter/A4 pages @ 5% coverage); Drum Cartridge
Replacement Cartridges: Cyan, Magenta, and Yellow Toner Cartridges (yield up to 1,500 or 4,500 letter/A4 pages @ 5% coverage); Black Toner Cartridge (yields up to 4,500 letter/A4 pages @ 5% coverage)

Typefaces

144 resident PostScript fonts, 93 PCL fonts, and 10 line printer fonts

Warranty

1-year exchange

Model Comparison

	magicolor 2550 EN	magicolor 2550 DN
Speed	20 ppm b&w / 5 ppm color	20 ppm b&w / 5 ppm color
Resolution	9600 x 600 dpi-class	9600 x 600 dpi-class
Memory	128 MB	256 MB
Interface	Ethernet, USB 2.0, Parallel	Ethernet, USB 2.0, Parallel
Compatibility	Windows, Macintosh, Linux	Windows, Macintosh, Linux
Emulations	PostScript 3, PCL 6	PostScript 3, PCL 6
Automatic Duplex	Optional	Standard

* Exact print speed differs depending on system configuration, software application, driver, and document complexity.

** Application software support required for page reordering.

*** The addition of some options, in some combinations, may cause the product to become non-compliant. Energy Star compliance does not represent an EPA endorsement of any product or service.

**** The stated life expectancy of each consumable in your printer is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage of letter/A4). The actual consumable's life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature, and humidity.

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